

AI 1,5 -10 BK - Ferrule

3200195

<https://www.phoenixcontact.com/pc/products/3200195>



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Ferrule, Length contact range: 10 mm, sleeve length: 16 mm, color: black



Your advantages

- The ferrules with plastic sleeve are made from soft tin-plated electrolytic copper
- The insulation reliability of close connections is increased and the splicing of wires is prevented

Commercial data

Item number	3200195
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	05
Product key	BH3411
Catalog page	Page 481 (C-3-2019)
GTIN	4017918093846
Weight per piece (including packing)	0.135 g
Weight per piece (excluding packing)	0.125 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

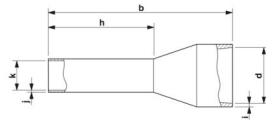
Product type	Cable end sleeve
Conductor category	stranded conductors, class 2, 5, 6 / B, C, K, M
Product property	UL certified

Connection data

Conductor connection

Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG max.	16
Stripping length	13 mm

Dimensions

Dimensional drawing	
Sleeve length	16 mm
Length contact range	10 mm
Maximum stripping length	13 mm
Ferrule diameter	1.7 mm
Sleeve wall thickness	0.15 mm
Insulating collar thickness	0.3 mm
Inner dimensions of the insulating collar	3.4 mm

Material specifications

Color	black (RAL 9005)
Material	CU-DHP
Flammability rating according to UL 94	HB
Coating	tin-plated (galvanic)
Surface characteristics	Tin-plated
Components	free from silicone and halogen

Mechanical properties

Technical data

Sleeve length	16 mm
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Environmental and real-life conditions

Ambient conditions

Permanent temperature	105 °C (-40 °C no load / 0 °C dynamic load)
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Short-term temperature	120 °C
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Standards and regulations

Design according to standard	DIN 46228-4
	UL 486F-E
	NFC 63-023

Drawings

Dimensional drawing



Sleeve length (b), length contact range (h), insulating collar inner dimension (d), sleeve diameter (k), insulating collar thickness (i), sleeve wall thickness (j)

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Approvals

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cULus Listed

Approval ID: E488001

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Classifications

ECLASS

ECLASS-11.0	27400201
ECLASS-13.0	27400201
ECLASS-12.0	27400201

ETIM

ETIM 9.0	EC000005
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UNSPSC

UNSPSC 21.0	27121700
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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